

### (unnamed)

by Thomas Janstrom

Gemology Online Faceting Design Competition 2014

Cutthroat Entry 5

Angles for R.I. = 1.760

61 + 20 girdles = 81 facets

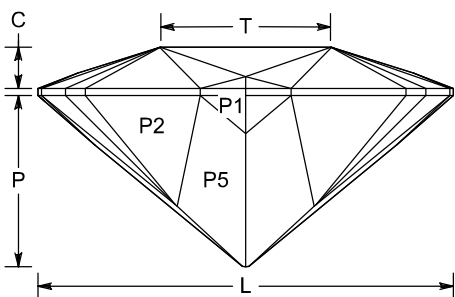
2-fold, mirror-image symmetry

96 index

$L/W = 1.073$   $T/W = 0.438$   $U/W = 0.404$

$P/W = 0.441$   $C/W = 0.107$

$Vol./W^3 = 0.211$



#### PAVILION

|    |        |             |                     |
|----|--------|-------------|---------------------|
| P1 | 43.06° | 01-47-49-95 | Cut to centerpoint. |
| P2 | 42.66° | 04-44-52-92 | Meet culet.         |
| P3 | 40.55° | 20-28-68-76 | Meet culet.         |
| P4 | 41.05° | 23-25-71-73 | Meet culet.         |
| G1 | 90.00° | 01-47-49-95 | Set stone width.    |
| G2 | 90.00° | 04-44-52-92 | Level girdle.       |
| G3 | 90.00° | 20-28-68-76 | Level girdle.       |
| G4 | 90.00° | 23-25-71-73 | Level girdle.       |
| P5 | 41.20° | 02-46-50-94 | Meet P1, P2, G1, G2 |
| P6 | 39.55° | 22-26-70-74 | Meet P3, P4, G3, G4 |
| P7 | 39.26° | 11-37-59-85 | Meet P2, P3, P5, P6 |
| G5 | 90.00° | 11-37-59-85 | Level girdle.       |

#### CROWN

|    |        |             |                                     |
|----|--------|-------------|-------------------------------------|
| C1 | 23.27° | 01-47-49-95 | Set girdle width.                   |
| C2 | 22.87° | 04-44-52-92 | Level girdle.                       |
| C3 | 20.48° | 11-37-59-85 | Level girdle.                       |
| C4 | 20.91° | 20-28-68-76 | Level girdle.                       |
| C5 | 21.30° | 23-25-71-73 | Level girdle.                       |
| C6 | 21.30° | 02-46-50-94 | Meet G1, G2, C1, C2; C2, C3, C4     |
| C7 | 19.82° | 22-26-70-74 | Meet G3, G4, C4, C5; C2, C3, C4, C6 |
| C8 | 18.61° | 96-48       | Meet C1, C6; C2, C3, C4, C6, C7     |
| C9 | 17.32° | 24-72       | C2, C3, C4, C6, C7, C8              |
| T  | 0.00°  | Table       | Meet C2, C3, C4, C6, C7, C8, C9     |

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